

# Alexey Prudnikov

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## Personal Information

Date of Birth 16.02.1984 (age 29)  
Location Moscow, Russia

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## Education

2007–2010 **Postgraduate**, *National Research Nuclear University «MEPhI»*.  
«**Applied Mathematics and Computer Science**»  
2001–2007 **Graduate**, *Moscow Engineering Physics Institute (MEPhI)*.  
**Degree in «Applied Mathematics and Computer Science»**

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## Work Experience

09.2008–  
present **Software Developer**, *«Open Information Technologies», LLC, Moscow, Russia*.  
Information technologies: software developing and integration  
Responsibilities:  

- Design and development information system «Social Insurance», which is used by Fund of Social Insurance (FSI) — big government structure of Russian Federation, as system architect and co-project manager.
- Design, development and optimization for highload FSI internet portal as system architect of full-text search and lead OLAP-developer.
- Design, development and optimization for highload FSI web-service for submission financial statements with digital signatures as system architect.
- Design and development framework, which is used for interaction SAP ERP and converter of financial reports from russian national standards to IFRS and GAAP, as lead developer.
- Design and development electronic payment processing system as system architect.

09.2007–  
07.2013 **Teaching assistant**, *National Research Nuclear University «MEPhI», «Information Systems and Technology» department, Moscow, Russia*.  
Science and education  
Responsibilities:  

- Teaching experience:
  - «Algorithms and Data Structures» (lections and labs);
  - «Programming Languages and Compilers» (lections and labs);
  - «Optimization Methods» (lections and labs);
  - «Numerical Computing» (labs);
  - «Game Theory and Operation Research» (lections).
- Supervising course work and assignments of undergraduate students.
- Participation in department's research work.
- Create and deliver tutorial and lab session material for undergraduate students.

10.2005–  
09.2008 **Software Developer**, *«New information systems and technologies», JSC, Moscow, Russia*.  
Information technologies: software developing and integration  
Responsibilities:  

- Design and development information system «Social Insurance», which is used by Fund of Social Insurance (FSI) — big government structure of Russian Federation, as lead developer.
- Design and development FSI internet portal as lead OLAP-developer and software architect of application for delivery financial statements from insurants to FSI.

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## Computer Skills

OS Linux (RedHat-based), Windows, FreeBSD  
Languages C, Java, Delphi, PHP, SQL

DBMS	Oracle, MySQL, PostgreSQL, HyTech, DB2
Version Control	Git, Subversion
Project Management	Redmine, MediaWiki
Numerical Computing	Octave, Scilab
Document Preparation	LaTeX

## Personal Skills

- Full cycle software development experience — business analysis, design, development, deploy and user training.
- Design software with systematic approach.
- Use free software to minimize total cost of development.
- Thoroughness and responsibility with documents, records and acts.
- Business relations and negotiations with customers (including government and military).
- Preparation of reports, speeches and presentations to an audience, participation in conferences and seminars as a speaker.
- Excellent oral and written Russian language.
- Continuous professional development, quick learning.
- Orderliness, punctuality.

## Languages

Russian	Native speaker
English	Reading technical and mathematical papers and books — free, speaking and writing — Intermediate